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About Us

Intellienergy Tech® is an Italian company that designs and produces remote control and monitoring solutions and systems for **smart buildings** and **smart cities**.

Customer care, intuition and continuous research have led **Intellienergy Tech®** to become a leading Italian Company in the sector of **Building Management Systems** and **Smart Lighting**; its customers include some of the most important national and international groups dedicated to energy efficiency. **Buildings in major Italian Cities are managed by Intellienergy Tech® systems, with over 25 thousand systems installed and over a million of control points.**

24

MILLIONS OF BYTES EXCHANGED
EVERY YEAR

1000000

OVER A MILLION POINTS
CHECKED

25000

BUILDINGS CONTROLLED IN ITALY

WELCOME

VISION & MISSION



Vision

Research is the driver of progress, the development of individuals and society as a whole.

When there is research and development, there is a company focused on its own present, on the market, opportunities, the future and past, determined to learn from mistakes (own ones and those made by others) and present itself every single day on the market, with new ideas and proposals that give it a competitive edge and improve its capacity for adaptation. Engaging in research and development requires inquisitiveness, the determination to give it your all, weigh up your strengths, believe in yourself and your resources. This is the vision of the founding shareholders of Intellienergy Tech® and its team, who profoundly believe that new knowledge can be concretely applied in everyday life and be useful for ensuring economic well-being and improving quality of life.

Mission

“If you can not measure it, you can not improve it”.

These are some of the most famous words by Lord William Thomson Kelvin, a veritable icon in the field of heating design and installation, relevant today more than ever before.

The ecological transition, which will pervade numerous aspects of our everyday lives, will focus on increasing the efficiency of public and private buildings. At Intellienergy we have been working on this since our foundation, on the creation of a simple and powerful control system, a wireless system for the monitoring of air quality and comfort in environments.

The ability to monitor air quality and environmental comfort is a fundamental step towards the improvement of facilities we occupy and interact in every single day, so as to save energy.

OUR VALUES

Integrity

We never turn our back on our principles

Excellence

We never stop learning

Courage

We believe in our ideas

Together

We believe that strength lies in team values

MILESTONES

2015

Intellienergy Tech® is founded. Our adventure first began with the products **ICON200** and **ICON500** and the first release of the platform **Flower**.

2017

In order to respond to scalability necessities, **ICON50** and **ICON100** were designed and built.

2019

In response to needs for simplicity the multi-configurable product **IMC10** was created. **ICON30** was created, the smallest controller of the family **ICON** in just 2 DIN modules.

2021

The start of a new adventure, controllers are now **EDGE** and will have computing power, real time operating systems **OS®** and **linux®** on board, integrating standard protocols like **Modbus**, **BACnet®**, **KNX®** and **Dali**. They will be the new **Intellienergy Tech®** building and application controllers.

2016

We first ventured into the world of monitoring, with the design and building of wireless products, under the trademark **wirelessmonitoring®**.

2018

We made our début in the world of **lighting**, with the creation of the **Lighting®** division of **Intellienergy Tech®**.

2020

The line of point to point nodes for the control of public lighting lamps was completed. A stable and solid mesh network, nodes on standard **Zhaga book 18**, in just 40 mm of space (SR V2 Certified product).

2022

The first quarter of 2022 will see the release of **Flower Plus**, the new integrated management platform of the **Intellienergy Tech®** system; available on premise, in cloud and embedded, it will enable the management of complex buildings and multi-sites distributed up and down the country. Powerful and simple at the same time.

WHY CHOOSE US?

01



Freely programmable, scalable, I/O universal systems that safeguard investments, object-oriented programming language, complete remote management, reverse engineering functions.

02



Standard solutions with open protocols and customised solutions, integratable systems, with standard API Rest instruments, interoperability with management systems, asset management, ticketing systems.

03



Assistance and support for the Customer, both remote and on site, directly from our offices or through numerous qualified local service providers.



04



Easy and intuitive platform for management, work optimisation tools, KPIs for the monitoring of contacts.

Efficiency and saving, this is our commitment.

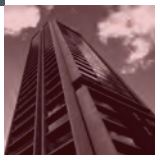
OUR SOLUTIONS



REMOTE CONTROL AND MANAGEMENT SYSTEMS



a



BMS BUILDING MANAGEMENT SYSTEMS



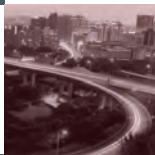
b



WIRELESS ENVIRONMENTAL AND ENERGY MONITORING SYSTEMS



c



SYSTEMS FOR POINT TO POINT AND CABINET SMART LIGHTING



d

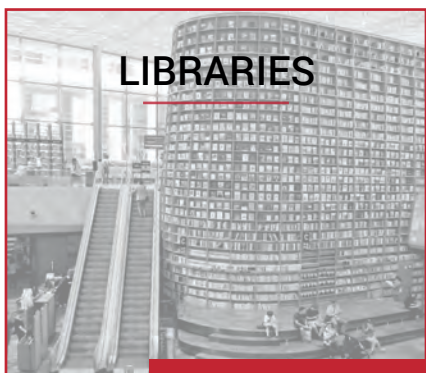
Remote control and Management Systems

Free programming, the flexibility of our universal I/Os, product scalability from 4 to 500 I/Os, 24 and 240V power, the platform's management functionalities, make our system the ideal tool for anyone who must manage hundreds and thousands of buildings dislocated on vast territories. The Intellienergy Tech® system is designed to ensure contractual comfort with minimum energy carrier use, ensuring energy and management savings. Through **API Rest** and **MQTT** the system integrates with third party and upper level platforms.

Fields of application:

IES (Integrated Energy Service), MIES (Multiservice Integrated Service Adaptor), FM (Facility Management) contracts.

Use in public and private buildings (Schools, libraries, museums, university buildings, care homes, nursing homes).



LIBRARIES

CARE HOMES



MUSEUMS



SCHOOLS

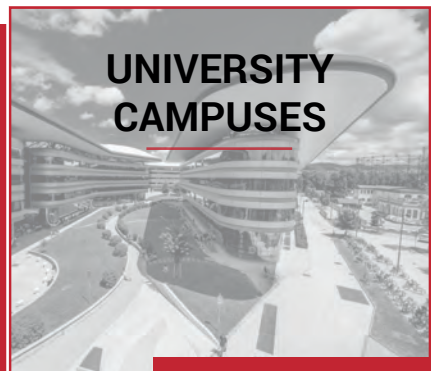
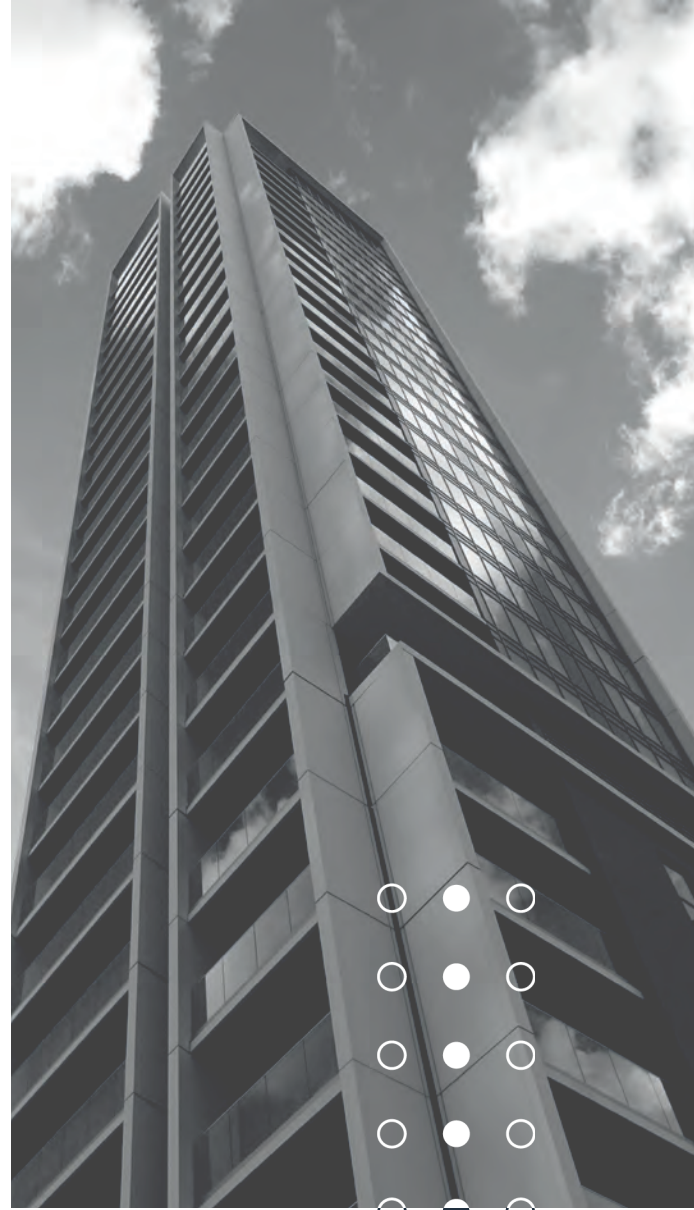
**BUILDINGS
UNIVERSITIES**

Building Systems Management System

BMS (Building Management System) integrates all automation functions in a single supervision system, enabling the management of plants, buildings and infrastructures, even from remote. The use of standard and open communication protocols like KNX®, modbus RTU-TCP/IP, BACnet® and DALI® , ensures dialogue between the supervision software and different field devices, irrespective of the manufacturer. This enables the evolution of spaces over time, facilitating their conversion to new uses. System architecture, adaptable to both standard and dedicated platforms, guarantees simple and centralised control, simplifying the development, implementation and maintenance of plants.

Fields of application:

Hospitals, Executive Offices, University Campuses, Infrastructures, Industry



Wireless environment and energy monitoring systems

Energy saving and the control of consumptions on environmental impact are two important topics requiring an ongoing focus, today more than ever before. This is exactly why we have created our Wireless Monitoring® division, which aims to monitor electric consumption and environmental parameters. At facilities where the use of wired systems is complex and uneconomic, wireless solutions are winning and guarantee excellent control over energy consumption, comfort and air quality.

Fields of application:

- Schools and Universities
- Data Centres
- Museums
- Hotels
- Hospitals
- Executive offices
- Industrial premises



**SCHOOLS AND
UNIVERSITIES**



DATA CENTRES



MUSEUMS



HOTELS



HOSPITALS



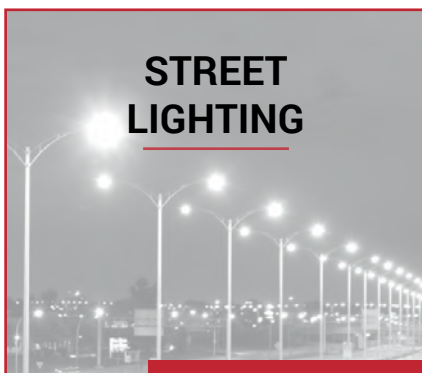
**EXECUTIVE
OFFICES**

Systems for point to point and cabinet Smart lighting

Today urban areas host nearly 80% of Europe's population. The challenge of ecological transition lies in making our cities more efficient, embracing new opportunities and generating employment, making transport efficient, managing urban and inclusive infrastructures. In a word, cities must become "Smart". A Smart City is a place where everyone cooperates to improve the quality of life of its inhabitants. With our lighting Division, at Intellienergy Tech® we focus on making lighting smart, dimming lights according to traffic or weather conditions, lighting historic and monumental buildings, making management smart, preventing break-downs and managing anomalies in real time.

Fields of application:

Street lighting, Artistic lighting, City and motorway tunnels



STREET LIGHTING

CITY AND MOTORWAY TUNNELS



ARTISTIC LIGHTING

THE RIGHT PRODUCT FOR YOUR REQUIREMENT

REMOTE CONTROL AND MANAGEMENT SYSTEMS

Intellienergy Tech® produces a range of specialised devices to improve the climate management of buildings.
Our assortment includes:

CONTROLLERS
ROOM REGULATORS
EXPANSION AND INTERFACE MODULES
CONNECTIVITY
EASYBUS SENSORS
WIRED SENSORS

A remote control, management and monitoring system that guarantees optimal and prompt control of energy parameters, with the saving of consumptions, while also ensuring desired comfort. Freely programmable by the user, with an object-oriented language, a management platform optimised for multi-site use, advanced alarm management, scheduling, trends. Interoperable with platforms by major national operators.

BUILDING CLIMATE CONTROL



PUBLIC BUILDINGS

PRIVATE BUILDINGS

INDUSTRIAL
BUILDINGS

THE RIGHT PRODUCT FOR YOUR REQUIREMENT

BUILDING MANAGEMENT SYSTEMS

This line of products was developed thanks to our partnership with Delta Controls™, a company with a global presence, specialised in building automation for over 30 years. This partnership has enabled us to provide our Customers with a native BACnet BMS solution, which during 2021 and 2022 will be enriched with the new IEC (Intellienergy Edge Controllers) edge controllers:

- BACNET CONTROLLERS
- SENSORI HUB
- SYSTEM CONTROLLERS
- APPLICATION CONTROLLERS

We provide integrated and complete solutions for optimal building automation management.



HOSPITALS

UNIVERSITY

EXECUTIVE OFFICES

THE RIGHT PRODUCT FOR YOUR REQUIREMENT

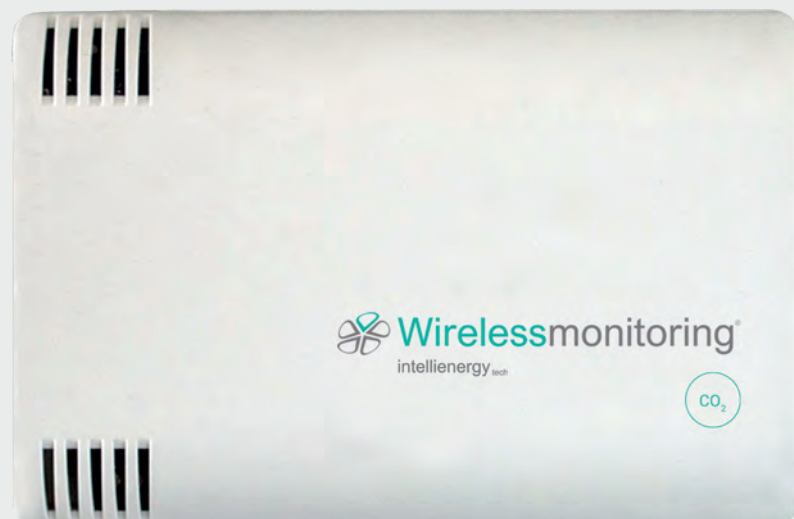
WIRELESS ENVIRONMENTAL AND ENERGY MONITORING SYSTEMS

The range of Wireless Monitoring® products is designed for smart solutions, where installation is simple and fast. Our range of products includes:

- ENVIRONMENTAL MONITORING SENSORS
- ENERGY MONITORING SENSORS
- GATEWAYS
- WIRELESS BRIDGES

A monitoring system that does not require a power source or wiring, thanks to which controlling CO₂, air quality, temperature and humidity levels, as well as the consumption and tracking of energy will be even easier to read and install.

WIRELESS ENVIRONMENTAL MONITORING



ENVIRONMENT AND

WIRELESS
MONITORING OF THE

INDUSTRIAL
BUILDINGS

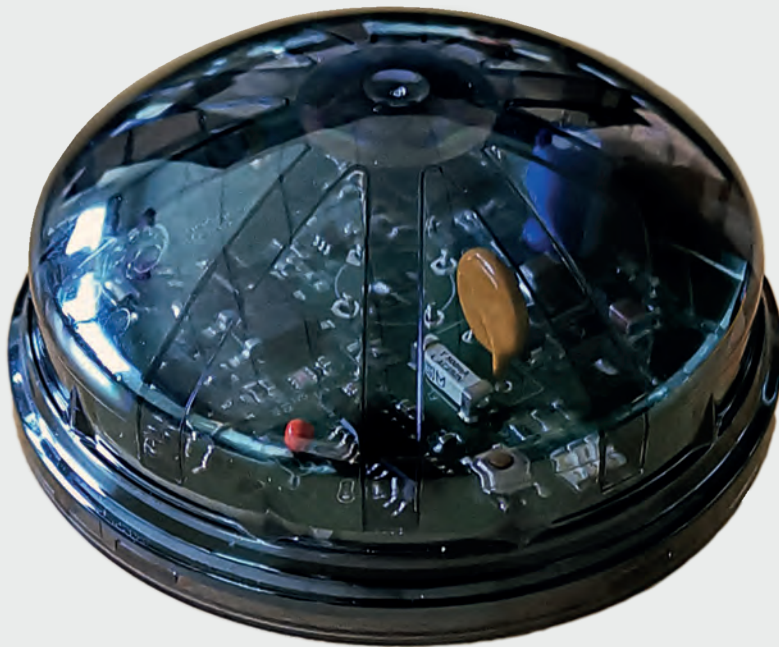
THE RIGHT PRODUCT FOR YOUR REQUIREMENT

POINT TO POINT AND CABINET SMART LIGHTING SYSTEMS

Intellilight® is the Intellienergy Tech® division that provides electricity control and monitoring solutions, in a flexible and evolved way. Our assortment includes:

- INDOOR LIGHTING SYSTEMS
- OUTDOOR LIGHTING SYSTEMS

Managing public lighting control enables considerable reductions in energy consumption, in a field rife with inefficiency. Wireless nodes on Zhaga standard control the lamp, directly connecting to the driver. Our nodes are SR V2 certified.



OUTDOOR SMART LIGHTING

OUTDOOR
LIGHTING

INDOOR
LIGHTING

OUR SERVICES

Intellienergy Tech® provides its customers with a series of services that guarantee the quality and presence of a reliable and competent partner.

DESIGN

Our technicians are available to help you identify the right product to achieve optimal value for money in relation to desired performance requirements, according to plant characteristics and desired regulation strategies.

CABLED PANELS

The catalogue includes telematic wired panels in "Plug and Play" KITS (pre-wired and pre-configured), or in solutions customised according to the Customer's requirements.

TRAINING

We invest in the training of our Customers' staff, by running themed training courses during the year, which can be held at our course hall, in presence or by video conference. Specific courses can also be organised directly at the Customer's facilities or directly on site.

START-UP and TESTING

Intellienergy Tech® provides Start-up, commissioning and testing services, both on site in presence and by remote assistance.

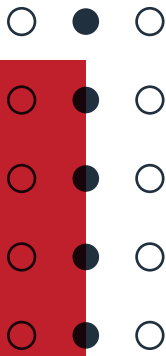
- Electric assembly assistance;
- Instrument assembly assistance;
- Commissioning and Start-Up;
- Training for operators and maintenance workers;
- Preparation of manuals and procedures for commissioning and Start-Up.

SUPPORT

After-sales service available for customers, guaranteeing immediate response to requests, break-down characterisation or support. The service is provided directly by our own staff or by authorised service dealers up and down the country.

SYSTEMATIC ENGINEERING

Our systems are freely programmable, directly by the user and without any limitation. However, there are configurations available, downloadable from our app REGOLA; otherwise, our before and after-sales staff are available for the creation of customised logics for specific applications.

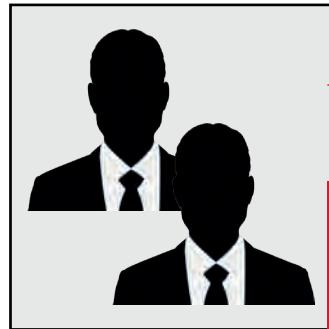


Meet Our team



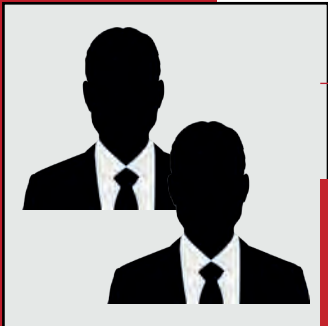
SALES MANAGEMENT

Sales Management
Italy - Abroad
Building Energy Solutions
Outdoor Lighting
Direct Customer Sales
Agencies Coordination



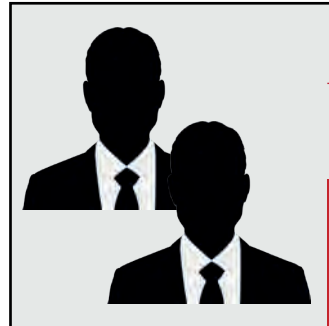
RESEARCH AND DEVELOPMENT

Product conception
hardware, firmware and
software.
Systems integration.
Standards adoption.
Continuous debug of
products.
Systemic support.



OFFER ENGINEERING

System design,
budgeting, specialist
reports, system
diagrams.



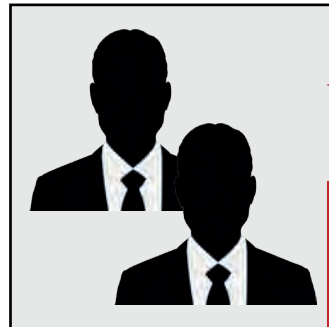
AFTER-SALES SUPPORT

On-call assistance,
start-up,
commissioning and
testing
of systems, remotely
and on site.
Contracts management.



LOGISTICS

Shipment and reception
of goods, order
management.
Suppliers and
Customers. Warehouse
management.
Product budgeting.



PRODUCTION

Prototyping.
SMD monitoring.
Board testing.
Product burn-in.
Product assembly.
Traceability of parts.



MARKETING

Preparation of web and
email campaigns.
Creation of advertising
pages.
Product design creation.



ADMINISTRATION AND FINANCE

Active and passive cycle
management.
Financial management of
Customers
and Suppliers



A11 MOTORWAY
Sesto Fiorentino Exit

How to Reach us:

By car:

Take the Firenze Ovest Exit on the A1 onto the A11, exit at Sesto Fiorentino, follow signs for Firenze, towards Osmannoro - Via Arno 108

By train:

From Florence railway station take the number 30 bus alight at the Ingromarket stop

By plane:

From the Pratese stop take the number 30 bus and alight at the Ingromarket stop

Company and contact details

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